



U.S. GEOLOGICAL SURVEY LIBRARY FIELD RECORDS COLLECTION DENVER, COLORADO

CHARLES LEE PILLMORE
(1930 - 2003)

NOTES, CORRESPONDENCE, PAPERS

1956 - 1982

(7.3 linear ft. and 5 map folders)

Charles L. Pillmore was born in Boulder, Colorado, in 1930. He was educated at the University of Colorado, receiving a B.A. in 1952 and an M.S. in 1954. Pillmore joined the staff of the USGS in 1954 and remained with the agency until his retirement in 1993. His major areas of investigation included the geology and coal resources of the Raton Basin, the Tertiary-Cretaceous boundary in continental rocks, and photogrammetric techniques in geologic mapping. Pillmore was a member of the Geological Society of America and served as president of the Colorado Scientific Society in 1983 and 1984.

INVENTORY

By

Clay M. Martin
U.S. Geological Survey Field Records Collection
MS 914, Box 25046, Federal Center
Denver, CO 80225-0046
February 2011

Location of Field Notebooks: CS-6: 8-11

GEOLOGY OF THE BLAINE 7.5' QUADRANGLE, LAWRENCE COUNTY, KENTUCKY. 1956-1978.

<u>Item Number</u>	<u>Description</u>
NO-11973	Expandable envelope with four folders: <ul style="list-style-type: none"> - Folder 1. Group of correspondence and copies of USGS internal documents concerning the creation and standardization of reports and maps for the USGS Kentucky mapping program. 1956-1978. - Folder 2. Group of correspondence, research materials and maps, draft text with editor's comments, and preliminary copies of a geologic map of the Blaine 7.5' quadrangle, Kentucky, all related to eventual publication of USGS Geologic quadrangle map GQ-1507. - Folder 3. Six black and white aerial photographs covering the Blaine 7.5' quadrangle and vicinity, Kentucky. 1972-1975 surveys. - Folder 4. Group of field notebook pages with geologic notes, stratigraphic section sketches, and other data related to field investigation of the Blaine 7.5' quadrangle and vicinity, Kentucky.
NO-11974	Expandable envelope with: <ul style="list-style-type: none"> - Nine copies of the Blaine 7.5' quadrangle, Kentucky, with annotations. - One copy, each, of the Adams, Mazie, and Sitka 7.5' quadrangles, Kentucky, with annotations.

Published as: U.S. Geological Survey. Geologic quadrangle map GQ-1507. 1978.

Published as: U.S. Geological Survey. Open-file report 78-169. 1978.

GEOLOGIC STUDIES IN THE RATON BASIN, NEW MEXICO AND COLORADO. 1963-1982.

NO-06659	Expandable envelope with four folders: <ul style="list-style-type: none"> - Folder 1. Group of request forms for paleontological analysis of fossil specimens from the Raton Basin, submitted by Glenn R. Scott. Descriptions of sample locations and stratigraphic units included. Circa 1982. - Folder 2. Group of handwritten notes by Glenn R. Scott with descriptions of fossil specimens from the Raton Basin. - Folder 3. Group of laboratory reports with descriptions and discussions of fossil specimens. 1981-1982. - Folder 4. Group of stratigraphic section descriptions from the Raton Basin.
NO-06660	Expandable envelope with photomosaic index and 69 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1944-1945 surveys.

- NO-06661 Expandable envelope with 76 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1944 survey.
- NO-06662 Expandable envelope with photomosaic index and 94 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1944 survey.
- NO-06663 Expandable envelope with 81 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1942-1945 surveys.
- NO-06664 Expandable envelope with photomosaic index and 93 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1942 survey.
- NO-06665 Expandable envelope with photomosaic index and 58 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1942 survey.
- NO-06666 Expandable envelope with photomosaic index and 62 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1944 survey.
- NO-06667 Expandable envelope with 89 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1942-1945 surveys.
- NO-06668 Expandable envelope with photomosaic index and 124 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1942-1946 surveys.
- NO-06669 Expandable envelope with 109 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1944-1946 surveys.
- NO-06670 Expandable envelope with 93 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1944-1946 surveys.
- NO-06671 Expandable envelope with 102 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1944-1945 surveys.
- NO-06672 Expandable envelope with 46 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1944-1946 surveys.
- NO-06673 Expandable envelope with photomosaic index and 115 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1942-1944 surveys.

- NO-06674 Expandable envelope with photomosaic index and 110 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1944-1945 surveys.
- NO-06675 Expandable envelope with 20 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity, including the Brilliant 15' quadrangle, Colorado-New Mexico. 1944-1953 surveys.
- NO-06676 Expandable envelope with 88 black and white aerial photographs, most with geologic annotations, covering the Raton Basin and vicinity. 1953-1954 surveys.
- NO-11956 Archival box with 56 folders containing approximately 900 black and white aerial photographs, some with annotations, covering the Raton Basin and adjacent areas in northern New Mexico and southern Colorado. Several folders include photomosaic index sheets. 1944-1954 surveys.
- NO-11957 Archival box with 37 folders containing approximately 900 black and white aerial photographs, some with annotations, covering the Raton Basin and adjacent areas in northern New Mexico and southern Colorado. Several folders include photomosaic index sheets. 1936-1962 surveys.
- NO-11958 Document box with 21 folders containing approximately 200 black and white aerial photographs, some with annotations, covering the Raton Basin and adjacent areas in northern New Mexico and southern Colorado. Several folders include photomosaic or other index sheets. 1953-1976 surveys.
- NO-11959 Envelope with advance copy of the Caliente Canyon South 7.5' quadrangle, New Mexico, with annotations.
- NO-11960 C.L. Pillmore. Field notebook with drill hole notes 78-1 through 78-4 related to field investigations in Raton Basin and vicinity. 1978.
- NO-11961 Expandable envelope with group of data sheets for coal mines in Las Animas and Huerfano Counties, Colorado.
- NO-11962 Expandable envelope with group of data sheets for coal mines in Las Animas and Huerfano Counties, Colorado.
- NO-11963 Expandable envelope with research material, legal proceedings transcripts, and company exploration data related to coal resources in Colfax County, New Mexico. The original folder label reads "Chalfont Oil & Gas #1 & 1Y Kaiser Steel Wells".
- NO-11964 Expandable envelope two folders of research material and company exploration data related to coal resources in Colfax County, New Mexico:

- Folder 1. Chalfont Oil and Gas #2 Kaiser Steel Well (2A & 2B).
 - Folder 2. Chalfont Oil & Gas #3 Kaiser Steel Well.
- NO-11965 Expandable envelope with group of well logs related to coal exploration in Colfax County, New Mexico.
- NO-11966 Expandable envelope with group of stratigraphic section diagrams, written descriptions, and spectrographic analysis data related to coal exploration in the Raton Basin. 1963.
- NO-11967 Expandable envelope with nine folders:
- Folder 1. Group of well logs and formation descriptions for Continental Oil Company well St. Louis, Rocky Mountain & Pacific No. 1, Colfax County, New Mexico.
 - Folder 2. Group of well logs and formation descriptions for Continental Oil Company well St. Louis, Rocky Mountain & Pacific No. 2, Colfax County, New Mexico.
 - Folder 3. Group of well logs and formation descriptions for Continental Oil Company well St. Louis, Rocky Mountain & Pacific No. 3, Colfax County, New Mexico.
 - Folder 4. Group of well logs, maps, and formation descriptions for Continental Oil Company well St. Louis, Rocky Mountain & Pacific No. 4, Colfax County, New Mexico.
 - Folder 5. Group of well logs and formation descriptions for Continental Oil Company well St. Louis, Rocky Mountain & Pacific No. 5, Colfax County, New Mexico.
 - Folder 6. Group of well logs and formation descriptions for Continental Oil Company well St. Louis, Rocky Mountain & Pacific No. 6, Colfax County, New Mexico.
 - Folder 7. Group of well logs for Continental Oil Company well St. Louis, Rocky Mountain & Pacific No. 7, Colfax County, New Mexico.
 - Folder 8. Group of well logs and formation descriptions for Continental Oil Company well Maxwell Land Grant No. 1, Colfax County, New Mexico.
 - Folder 9. Group of geologic summaries and sample descriptions for wells drilled by Continental Oil Company in Colfax County, New Mexico.
- NO-11968 Expandable envelope with three folders:
- Folder 1. Group of notes and draft text sections by C.L. Pillmore related to geology, stratigraphy, tectonics, and drilling history of the Raton Basin.
 - Folder 2. Unpublished three-page annotated bibliography of geology of the Raton Basin region, by K.A. Pillmore.
 - Folder 3. Copy of an unpublished 50-page report (plus appendices) entitled "Oil and gas potential of the Raton Basin, Colorado and New Mexico", by Frank Exum. 1977.
- NO-11969 Expandable envelope with two folders:

- Folder 1. Group of stratigraphic section descriptions designated P2-1 through P2-21 and P-22 through P-49.
 - Folder 2. Group of stratigraphic section descriptions designated P-50 through P-100.
- NO-11970 Expandable envelope with two folders:
- Folder 1. Group of stratigraphic section descriptions designated P3-15, P2-1 through P2-21, and P-22 through P-51.
 - Folder 2. Group of stratigraphic section descriptions designated P-52 through P-100.
- NO-11971 Expandable envelope with group of miscellaneous stratigraphic section descriptions, most with designated prefix P3. Also included is a typed 4-page description of the stratigraphy of the Niobrara Formation in the Raton Basin.
- NO-11972 Expandable envelope with four folders:
- Folder 1. Photomosaic index of aerial photography coverage of the Brilliant 15' quadrangle, New Mexico, and other notes and data related to aerial surveys in the Raton Basin.
 - Folder 2. One copy, each, of the Raton 1 x 2-degree and Raton 30 x 60-minute quadrangles, New Mexico-Colorado, with annotations.
 - Folder 3. One copy, each, of the Brilliant and Raton 15' quadrangles, New Mexico-Colorado, sectioned and mounted on linen.
 - Folder 4. Geologic map of the York Canyon area, Colfax County, New Mexico, from Kaiser Steel Corporation files. 1958.
- MA-01052 Map folder with 17 items:
- One annotated copy, each (except as noted), of the Brilliant, Casa Grande, Koehler (two copies), Miami, Raton (two copies), Tooth of Time, and Ute Park 15' quadrangles, New Mexico and Colorado.
 - Three copies of the Raton 1 x 2-degree quadrangle, New Mexico-Colorado, with annotations.
 - Two copies of the Trinidad 1 x 2-degree quadrangle, Colorado-New Mexico, with annotations.
 - Geologic map of northeastern New Mexico, with annotations.
 - USGS topographic map index for New Mexico (1977), with annotations.
 - Stratigraphic section diagram in two pieces, labeled "South Raton Section (Clifton House)".
- MA-01053 Map folder with 32 items:
- One annotated copy, each, of the Abbott, Abbott Lake, Abbot NW, Alto de Hormiga, Canon Colorado, Cerro Negro, Charette Lake, Colfax, Colmor, Curtis Camp, Devine Lake, Eagle Tail Mountain, Farley, French, Ingram Lake, Jaritas Ranch, Johnson Park, Kansas Valley, Kiowa, La Chata Crater, Lawrence Arroyo, Loco Arroyo, Maxwell, McWilliams Canyon, Mesa Larga, Mills East, Mills West, and Mora Ranch 7.5' quadrangles, New Mexico.

- Reproduction, in two sections, of the Miami 15' quadrangle, New Mexico, with annotations.
- Reproduction, in two sections, of the southern and eastern portions of the Cimarron 15' quadrangle, New Mexico, with annotations.

MA-01054 Map folder with 34 items:

- One annotated copy, each (except as noted), of the Palo Blanco Mountain, Pine Buttes (four copies), Pinon Hills, Point of Rocks Mesa, Robinson Peak, Sauble Circle Dot Ranch, Spear Hills, Springer Lake, Springer, Stony Lake, Taylor Springs, Tinaja Mountain, Tres Hermanas Peak, and Wagon Mound 7.5' quadrangles, New Mexico.
- One annotated copy, each, of the Abeyta, Barela, Fishers Peak, Hoehne, Model, Mooney Hills, Patterson Crossing, Trinchera, Trinidad East, and Trinidad West 7.5' quadrangles, Colorado.
- One annotated copy, each, of the Tin Pan Canyon and Trinchera Pass 7.5' quadrangles, Colorado-New Mexico.
- Enlarged reproduction of the northwest quarter of the Pine Buttes 7.5' quadrangle, New Mexico, with annotations.
- Reproduction, in four sections, of the Tres Hermanos Peak 7.5' quadrangle, New Mexico, with annotations.

MA-01552 Map folder with reproduction of the Springer 30' x 60' quadrangle, New Mexico, with annotations.

MA-01713 Map folder with reproduction of the Raton 30' x 60' quadrangle, New Mexico, with annotations.

Published as: U.S. Geological Survey. Open-file report 64-123. 1964.

Published as: U.S. Geological Survey. Open-file report 65-121. 1965.

Published as: U.S. Geological Survey. Open-file report 65-122. 1965.

Published as: U.S. Geological Survey. Open-file report 66-104. 1966.

Published as: U.S. Geological Survey. Geologic quadrangle map GQ-823. 1969.

Published as: U.S. Geological Survey. Open-file report 74-1086. 1974.

Published as: U.S. Geological Survey. Open-file report 76-542. 1976.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1738. 1986.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-1705. 1987.

Published as: U.S. Geological Survey. Open-file report 89-282. 1976.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-2266. 1993.

Published as: U.S. Geological Survey. Geologic quadrangle map GQ-1737. 1994.

Published as: U.S. Geological Survey. Open-file report 03-437. 2003.

Published as: U.S. Geological Survey. Open-file report 03-438. 2003.